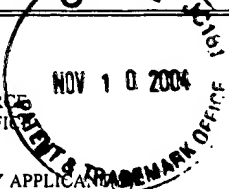


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APPLICANT Seiichi Hirano, et al.				FILING DATE October 11, 2001		GROUP 2853	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	1,773,993	8/1930	Barr				
	3,934,872	1/1976	Honkawa				
	4,345,754	8/1982	Willenbring				
	4,708,504	11/1987	Asakura	400	637		
	4,709,247	11/1987	Piatt et al.	347	87		
	4,736,213	4/1988	Piatt et al.				
	4,772,007	9/1988	Kashimura	271	22.		
	4,844,633	7/1989	Greenberg				

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0 339 977	11/1989	European Patent Office					
0 379 151	7/1990	European Patent Office					
0 386 737	9/1990	European Patent Office					
0 395 003	10/1990	European Patent Office					
0 397 090	11/1990	European Patent Office					

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		FILING DATE October 11, 2004		GROUP 2853	


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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,849,772	7/1989	Broeck et al.	346	/139		
	4,990,938	2/1991	Brandon et al.	347	/87		
	5,016,867	5/1991	Kamath				
	5,026,185	6/1991	Kusabuka				
	5,034,756	7/1991	Taira	347	/232		
	5,096,182	3/1992	Kashimura				
	5,534,899	7/1996	Uchikata et al.	347/	49		
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0 407 610	1/1991	European Patent Office					
0 469 536	2/1991	European Patent Office	347	87			
0 423 475	4/1991	European Patent Office					
0 422 794	4/1991	European Patent Office					
0 420 400	4/1991	European Patent Office					

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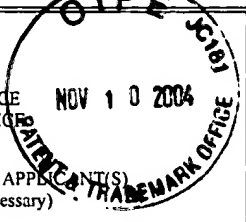
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		0 424 968	5/1991	European Patent Office			
		0 436 919	7/1991	European Patent Office			
		0 464 785	1/1992	European Patent Office			
		0 472 218	2/1992	European Patent Office			
		0 478 300	4/1992	European Patent Office			
		0 496 642	7/1992	European Patent Office			
		0 521 658	1/1993	European Patent Office	347	104	
		0 530 777	3/1993	European Patent Office			
		0 546 832	6/1993	European Patent Office			
		0 580 399	1/1994	European Patent Office			
		0 622 219	11/1994	European Patent Office			
		1 88 160	5/1906	Germany			


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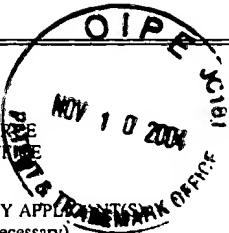
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		28 04 116	8/1978	Germany			
		27 38 080	1/1979	Germany			
		28 54 695	7/1979	Germany			
		29 09 458	10/1980	Germany			
		32 38 061	4/1984	Germany			
		36 12 299	10/1986	Germany			
		37 08 601	10/1987	Germany			
		38 06 976	9/1988	Germany			
		39 25 162	2/1990	Germany			
		40 23 402	1/1991	Germany			
		38 25 752	2/1991	Germany			
		41 35 308	4/1992	Germany			
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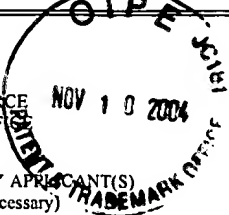
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		33 39 138	5/1995	Germany			
		43 30 798	11/1995	Germany			
		57-166263	10/1982	Japan			
		58-109357	6/1983	Japan			
		59-188467	10/1984	Japan			
		59-230941	12/1984	Japan			
		60-212369	10/1985	Japan			
		61-25867	2/1986	Japan			
		61-177265	8/1986	Japan			
		61-220874	10/1986	Japan			
		63-74825	4/1988	Japan			
		64-43446	2/1989	Japan			
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		1-053936	3/1989	Japan			
		1-184174	7/1989	Japan			
		1-222982	9/1989	Japan			
		1-267252	10/1989	Japan			
		1-301350	12/1989	Japan			
		40130135	12/1989	Japan	347	87	
		2-39945	2/1990	Japan			
		2-41277	2/1990	Japan			
		3-200648	2/1991	Japan			
		3-101980	4/1991	Japan			
		3-101949	4/1991	Japan			
		3-143865	5/1991	Japan			
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		3-272952	12/1991	Japan			
		4-134865	5/1992	Japan			
		4-148741	5/1992	Japan			
		5-31912	2/1993	Japan	347	104	
		5-177830	7/1993	Japan	347	37	
		1 206 965	9/1970	Great Britain			
		2 061 882	5/1980	Great Britain			
		2 046 671	11/1980	Great Britain			
		2 247 647	3/1992	Great Britain			
		88/06527	9/1988	WIPO			
		91/10570	7/1991	WIPO			

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